

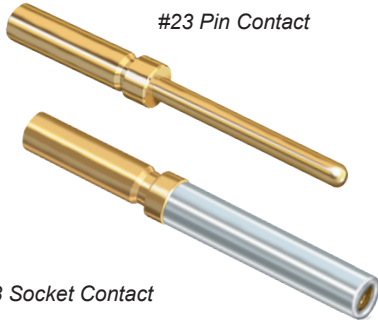
SERIES 80

Mighty Mouse Contacts and Tools

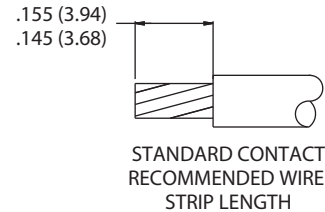
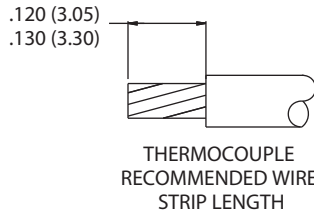
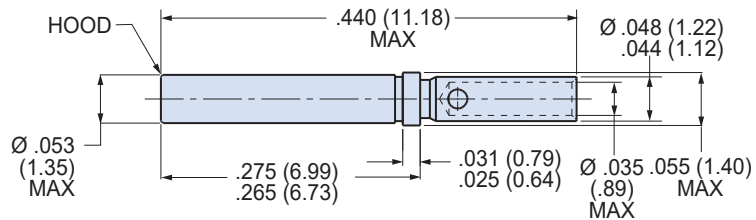
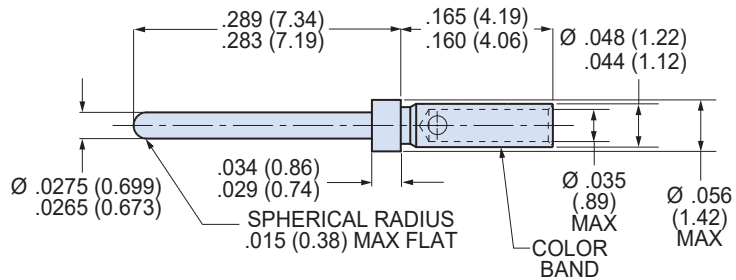


Size #23 Crimp Removable Beryllium Copper, Alumel, or Chromel Thermocouple Contacts

SIZE #23 CRIMP CONTACTS FOR AWG 22 TO 30 GAUGE



Standard size #23 contacts accept #22 to #28 AWG wire. For thermocouple applications, specify alumel or chromel contacts. Contacts are bulk packaged. Terminate with standard M22520 crimper and special positioner.



NOTES

Material / Finish

• 809-001 and 809-002:

Material: Beryllium copper alloy per ASTM B 196 or ASTM B 197. Hood, 305 CRES per QQ-S-763; ASTM A240; AMS5514; etc.

Finish: 50 microinches gold plated per ASTM B 488 over nickel underplate. Crimp area may have less plating. Hood, 305 CRES per QQ-P-35.

• 809-066A:

Alumel IAW ASTM-E230, Type K (-)

• 809-066C:

Chromel IAW ASTM-E230, Type K (+)

Specifications

- Current Rating (809-001 and 809-002): 5 Amps maximum
- Voltage Drop (809-001 and 809-002): 70 millivolts maximum at 5 Amps and 25° C

Contact Tools		
Tool	Glenair P/N	Military P/N
Crimp Tool	809-015	M22520/2-01
Positioner Use with 809-015 Crimper	809-005	N/A
Insertion/ Removal Tool	809-088	N/A

Size #23 Removable Crimp Contacts				
Contact Type	Wire Size	Material	Part Number	Color Band
Pin	#22 - #28	BeCu	809-001	None
Socket	#22 - #28	BeCu	809-002	None
Pin	#22 - #28	Alumel	809-065A	None
Socket	#22 - #28	Alumel	809-066A	None
Pin	#22 - #28	Chromel	809-065C	None
Socket	#22 - #28	Chromel	809-066C	None

Crimp Tensile Strength, Engagement and Separation Forces				
Wire Gage	Contact Tensile Strength		Thermocouple	
	Standard	Thermocouple	Max Engagement Force	Min Separation Force
#22	12	6 lbs	12.0 oz	4.0 oz
#24	8			
#26	5	1.5 lbs		
#28	3			

CONTACTS AND TOOLS